

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/013193 A2

(51) International Patent Classification⁷:

G06T

(74) Agents: EITAN, PEARL, LATZER & CO-
HEN-ZEDEK et al.; 7 Shenkar Street, 46725 Herzlia (IL).

(21) International Application Number:

PCT/IL2004/000711

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 3 August 2004 (03.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/491,965

4 August 2003 (04.08.2003) US

(71) Applicant (for all designated States except US): GENOA
COLOR TECHNOLOGIES LTD. [IL/IL]; P. O. Box
12209, 46733 Herzliya (IL).

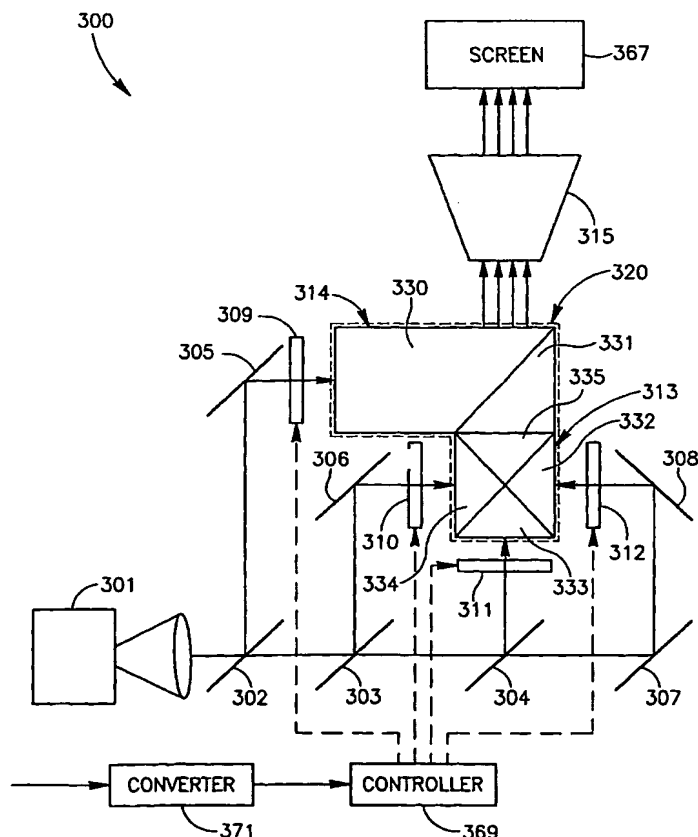
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

(72) Inventor; and

(75) Inventor/Applicant (for US only): ROTH, Shmuel
[IL/IL]; 7 Zelig Bas Street, 49550 Petach Tikva (IL).

[Continued on next page]

(54) Title: MULTI-PRIMARY COLOR DISPLAY



(57) Abstract: A device to produce a color image using four or more primary colors. The device may include four or more transmissive spatial light modulators to modulate four or more, respective, light beams in accordance with four or more, respective, primary color image components of the color image to produce four or more, respective, modulated light beams. The device may also include a beam combining arrangement to combine the four or more modulated light beams into a combined light beam carrying the color image.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *without international search report and to be republished upon receipt of that report*